Norton Basin and Little Bay
Section 207
Beneficial Use of Dredged Material
from the
New York & New Jersey
Harbor Deepening Project

Study Scoping Introduction

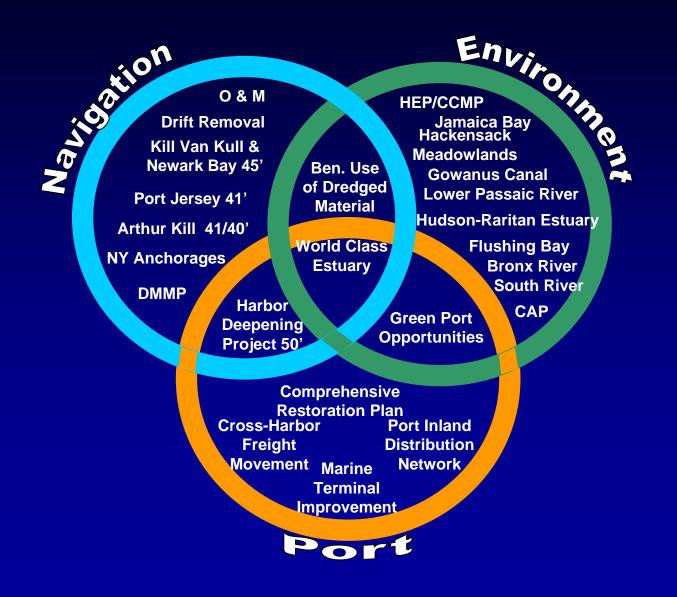
June 14, 2007

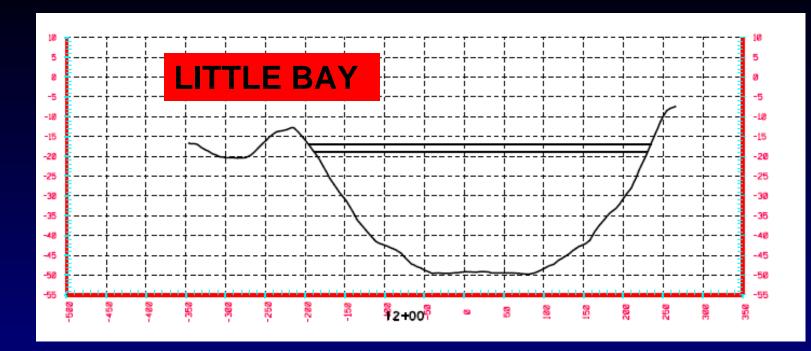
 Dredged Material used as Resource to achieve Jamaica Bay Restoration and Enhancement Goals

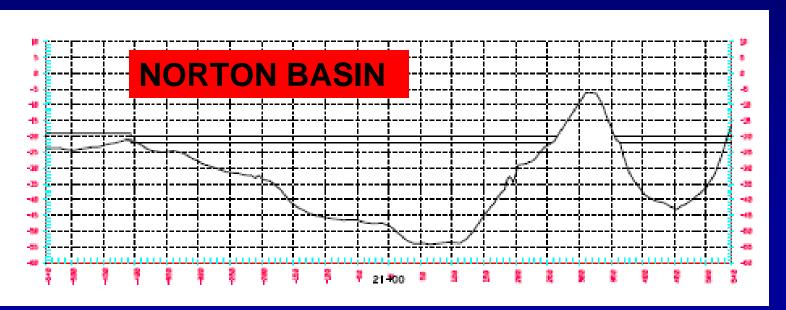
 Federal & Non-Federal partner to cost-share the beneficial use restoration (75:25)

"The Secretary is authorized to carry out projects for the Protection, restoration, and creation of aquatic and ecologically related habitats, including wetlands, in connections with dredging for construction, operation, or maintenance by the Secretary of an authorized navigation project.."

#### The Vision for the NY & NJ Harbor-Estuary







## **Project Goals**

- Restoration of up to 65 acres of benthic habitat
- Water quality improvements
- Fisheries habitat enhancement
- Ecosystem linkages
- Recreational benefits





# Study Phase

- Decision Document
  - Feasibility and Cost Analysis of Proposed Restoration Alternatives
  - Preliminary Engineering Design

- National Environmental Policy Act EA
  - CZM, EFH, Cultural Resource Investigations, Air Quality, Section 404(b) Evaluation, Fish & Wildlife Coordination

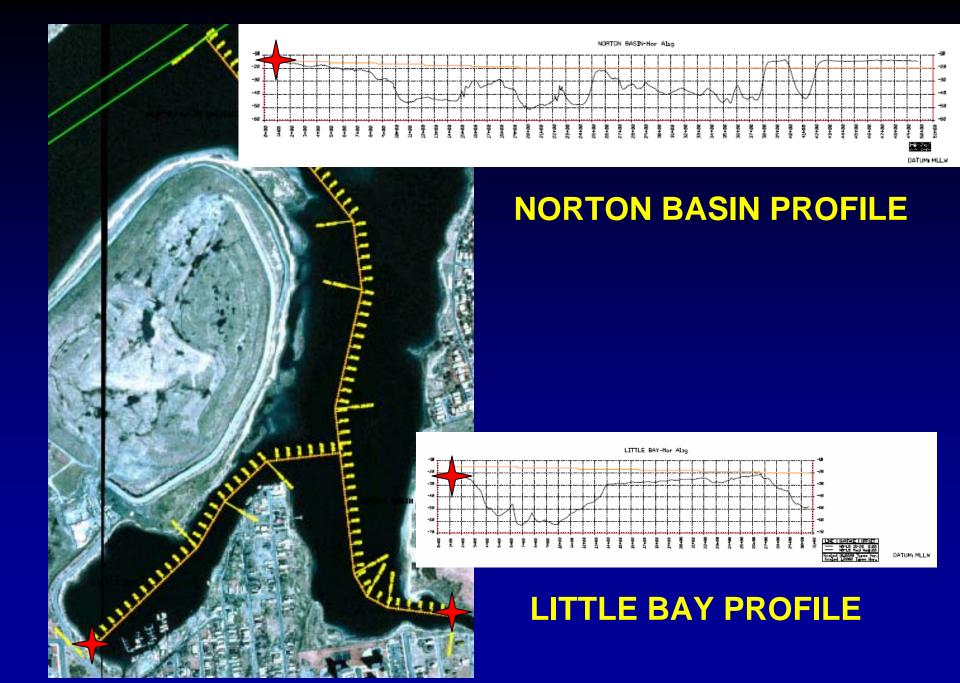
## **Restoration Concept**

#### -15 to -20 ft MLW

**HARS-Suitable Sand Substrate (2 Foot Layer)** 

Infill pits with HARS-Suitable Rock, Till, Silt, Clay, or Sand Dredged Materials from NY-NJ Harbor Deepening Project

- Achieves Depth and Substrate for Benthic Species Colonization
- Achieves Depth for Improved Water Quality Conditions



### **Alternatives**

- Size of Project (Little Bay, LB+NB, source driven)
- Depth of infill (Stepped -15 to -20 ft MLW or -20 ft MLW throughout)
- Source Contract for Dredged Material
- Dredged/Non-Dredged Entrance Channel to Norton Basin
- Staging Alternatives (Pumping)



Preliminary Construction Cost Estimate = ~ \$8 million

# Project Schedule

Initial Appraisal Report

January 2007

Project Management Plan

**April 2007** 

NEPA Scoping Initiated

**June 2007** 

Draft Feasibility Report/EA

**Winter 2008** 

Final Feasibility Report/EA

Winter 2008

Approval by USACE HQ

Spring 2008

Construction Initiation\*

Summer 2008

\*Dependent upon NY-NJ Harbor Deepening Schedule

